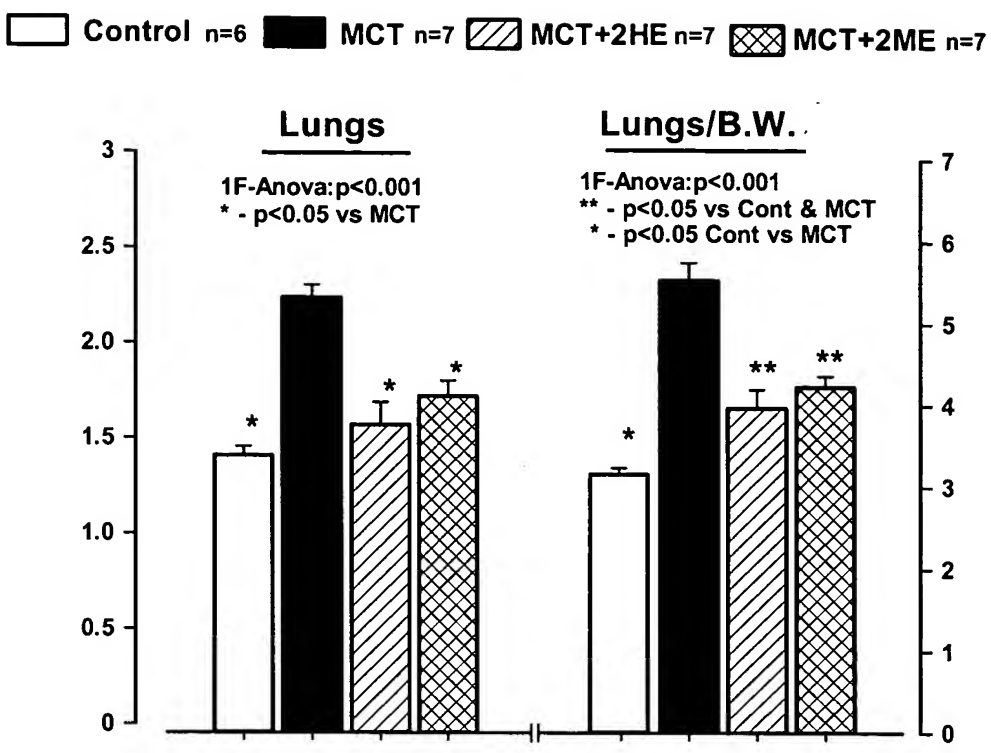
Control n=6
MCT n=7
MCT+2HE n=7
MCT+2ME n=7
Lungs
1F-Anova:p<0.001
* - p<0.05 vs MCT
Lungs/B.W.
1F-Anova:p<0.001
** - p<0.05 vs Cont & MCT
* - p<0.05 Cont vs MCT
3
2.5
2.0
1.5
1.0
0.5
0
7
6
5
4
3
2
1
0

Figure 1

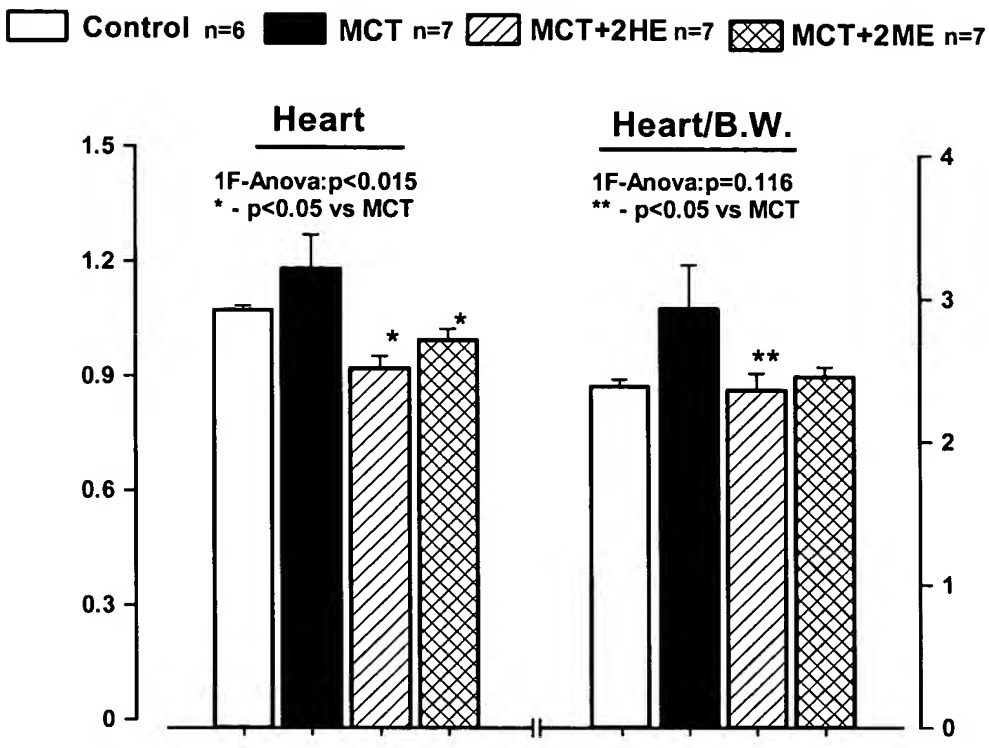
Control n=6
MCT n=7
MCT+2HE n=7
MCT+2ME n=7
Heart
1F-Anova:p<0.015
* - p<0.05 vs MCT
Heart/B.W.
1F-Anova:p=0.116
** - p<0.05 vs MCT
1.5
1.2
0.9
0.6
0.3
0
4
3
2
1
0
*
*
**

Figure 2

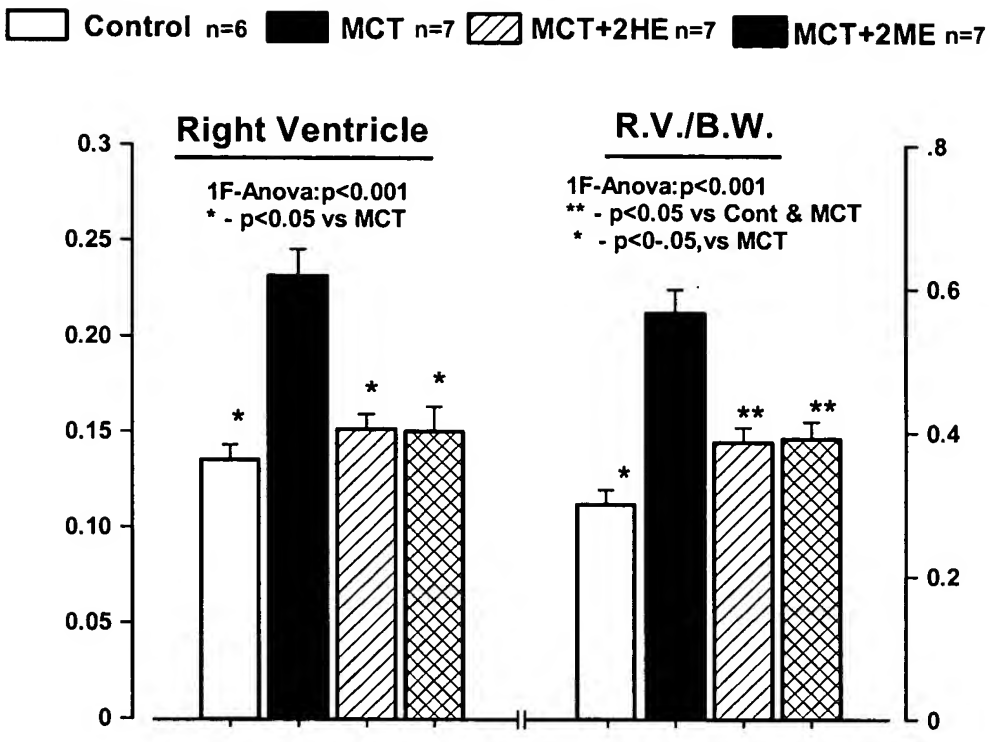
Control n=6
MCT n=7
MCT+2HE n=7
MCT+2ME n=7
Right Ventricle
1F-Anova:p<0.001
* - p<0.05 vs MCT
R.V./B.W.
1F-Anova:p<0.001
** - p<0.05 vs Cont & MCT
* - p<0-.05,vs MCT
0.3
0.25
0.20
0.15
0.10
0.05
0
.8
0.6
0.4
0.2
0

Figure 3

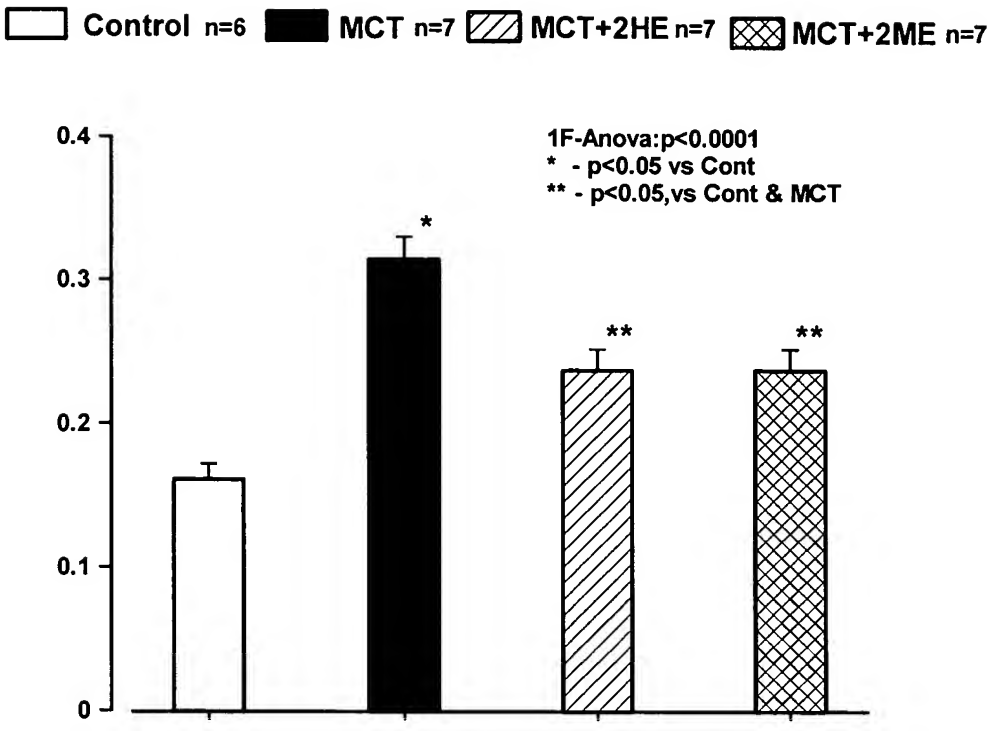
Control n=6
MCT n=7
MCT+2HE n=7
MCT+2ME n=7
1F-Anova:p<0.0001
* - p<0.05 vs Cont
** - p<0.05,vs Cont & MCT
0.4
0.3
0.2
0.1
0
*
**
**

Figure 4

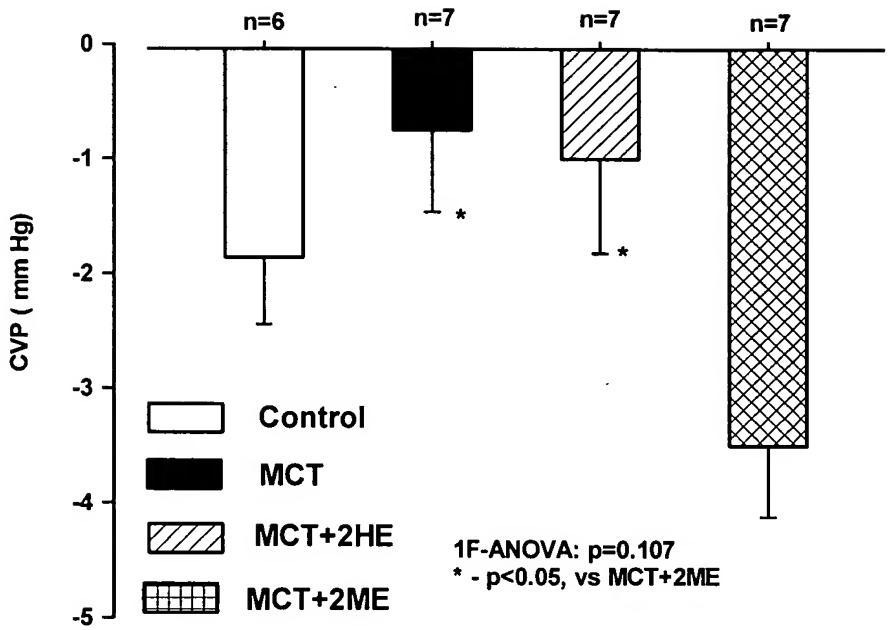
n=6
n=7
n=7
n=7
0
-1
-2
-3
-4
-5
CVP (mm Hg)
*
*
Control
MCT
MCT+2HE
MCT+2ME
1F-ANOVA: p=0.107
* - p<0.05, vs MCT+2ME

Figure 5

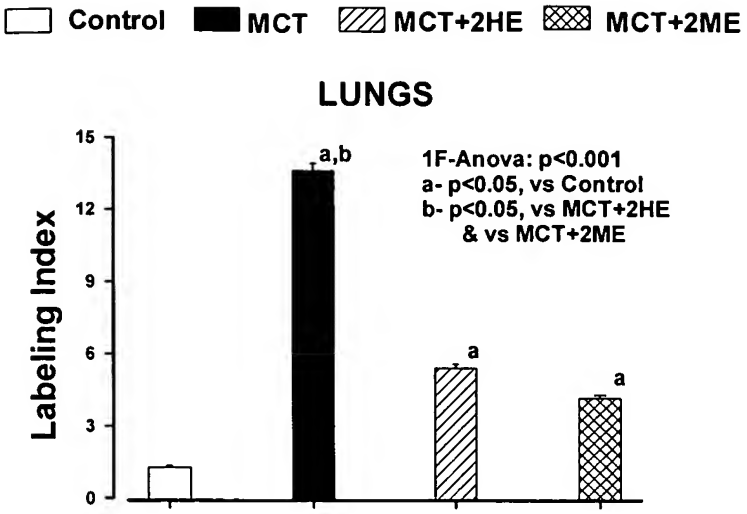

Figure 6A

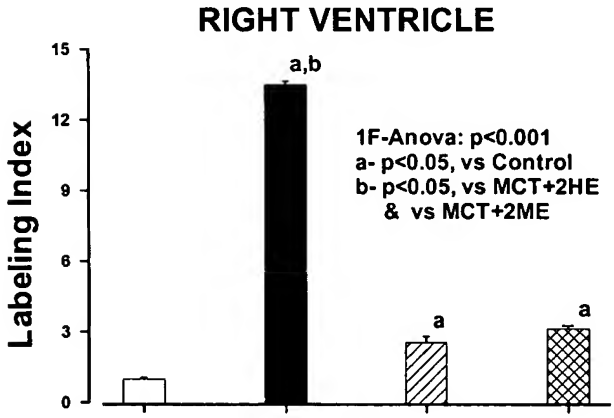

Figure 6B

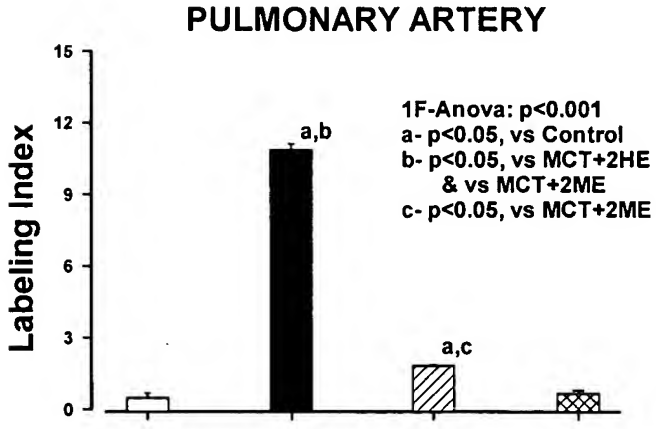

Figure 6C

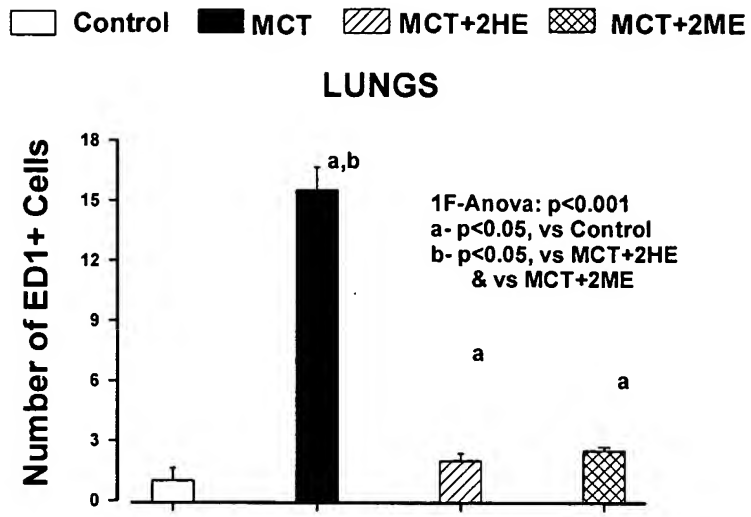

Figure 7A

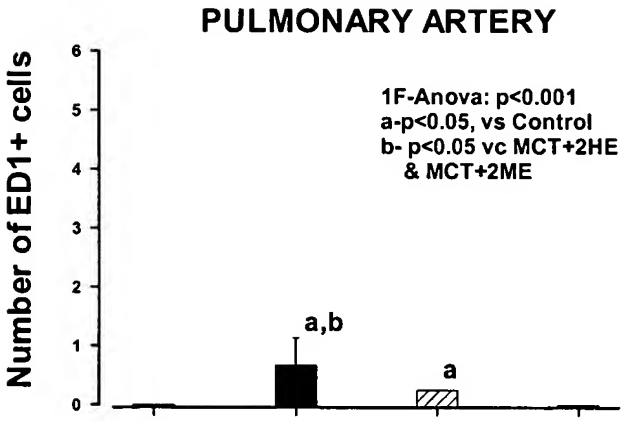

Figure 7B

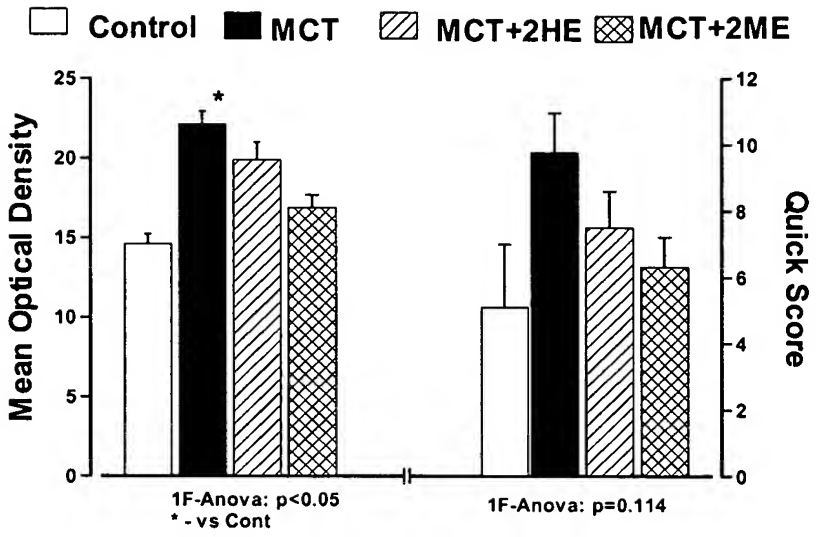
Control
MCT
MCT+2HE
MCT+2ME
Mean Optical Density
Quick Score
25
20
15
10
5
0
12
10
8
6
4
2
0
*
1F-Anova: p<0.05
* - vs Cont
1F-Anova: p=0.114

Figure 8

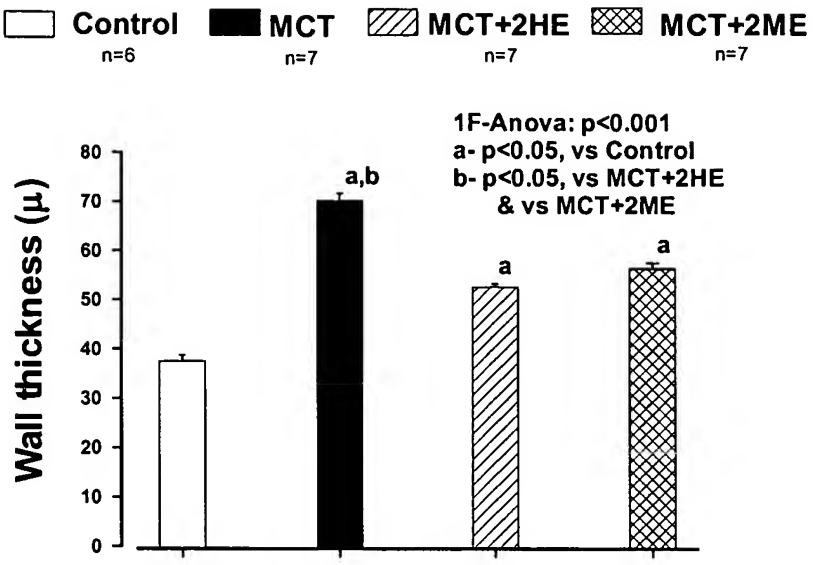
Control
n=6
MCT
n=7
MCT+2HE
n=7
MCT+2ME
n=7
1F-Anova: p<0.001
a- p<0.05, vs Control
b- p<0.05, vs MCT+2HE
& vs MCT+2ME
Wall thickness (μ)
80
70
60
50
40
30
20
10
0
a,b
a
a

Figure 9